

津宏电子（上海）有限公司

Nessie Industrial Corporation

天线规格书

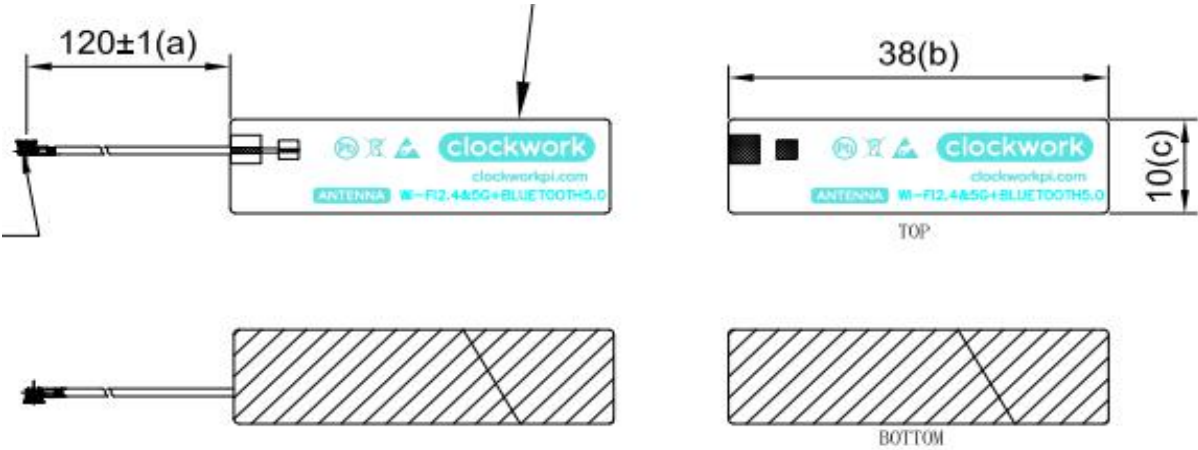
Antenna specifications

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一.产品图片,尺寸 (Product pictures, size)



二、产品参数 (Product Parameters)

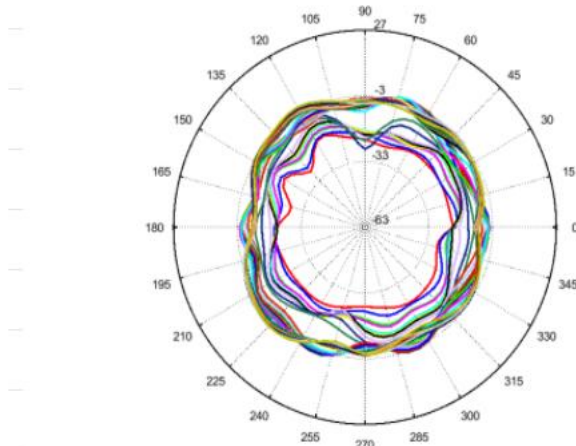
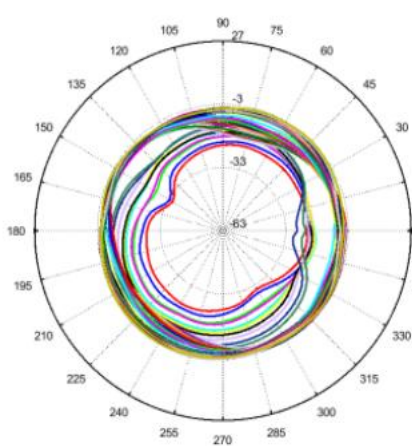
产品测试参数 (Product test parameters)			
产品名称(Name)	内置天线 (Internal antenna)	产品型号(Model Type)	TC2023E001
电 性 能 指 标 (Electrical Specifications)			
频率范围 (Frequency Range)	2400-2480MHz	极化方式 (Polarization)	垂直 (vertical)
输入阻抗(Impedance)	50 Ω	辐射方向 (Radiation direction)	全向 (Omnidirectional)
驻波比 (VSWR)		功率容量(Power)	50W
增益(Gain)		带宽 (bandwidth)	136/980MHz
械 指 标 (Mechanical Specifications)			
尺寸 (Dimensions)	38*10mm	天线颜色(Radome Color)	黑色 (black)
连接器型号 (Connector)	1代端子1.13线材 1st generation terminal 1.13 wire	引线长度(Cable Length)	120mm
外壳材料 Radome Material	IPX:20278-112R-13	NA	NA
工作温度 (Working Temperature)	-10°C-+60°C	存放温度 (Limit Temperature)	-10°C-+30°C

三、增益(Gain).效率(eficiency), VSWR,Impedance,Return Loss

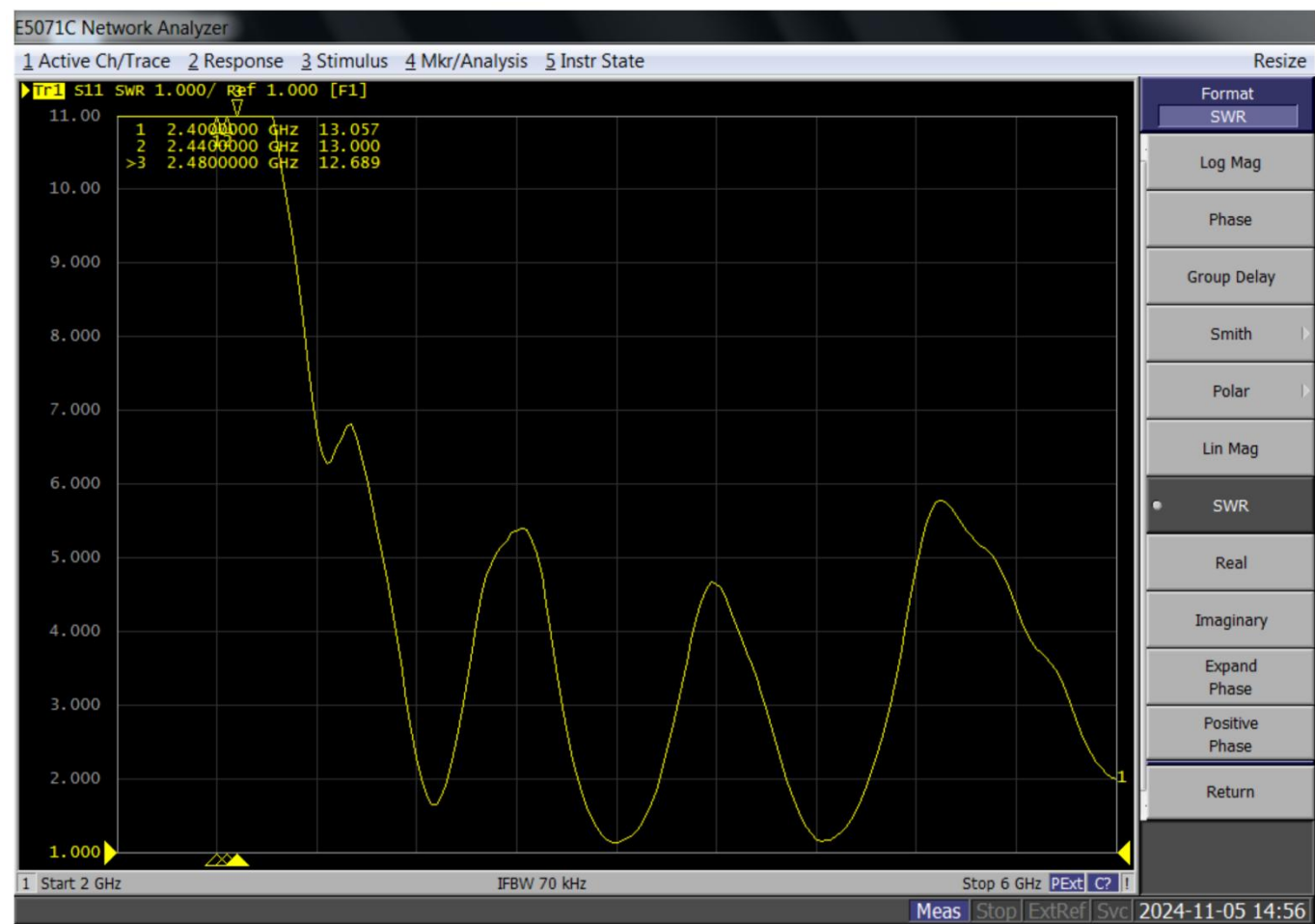
1. 增益,效率(gain,eficiency)

Frequency (MHz)	Efficiency(%)	Gain(dB)
2400	2.2374	-9.4609
2412	2.3241	-9.2559
2437	2.3995	-9.271
2442	2.5514	-8.9709
2450	2.6407	-8.8209
2462	2.8073	-8.6209
2484	3.1353	-7.9833
2500	3.4462	-7.5344

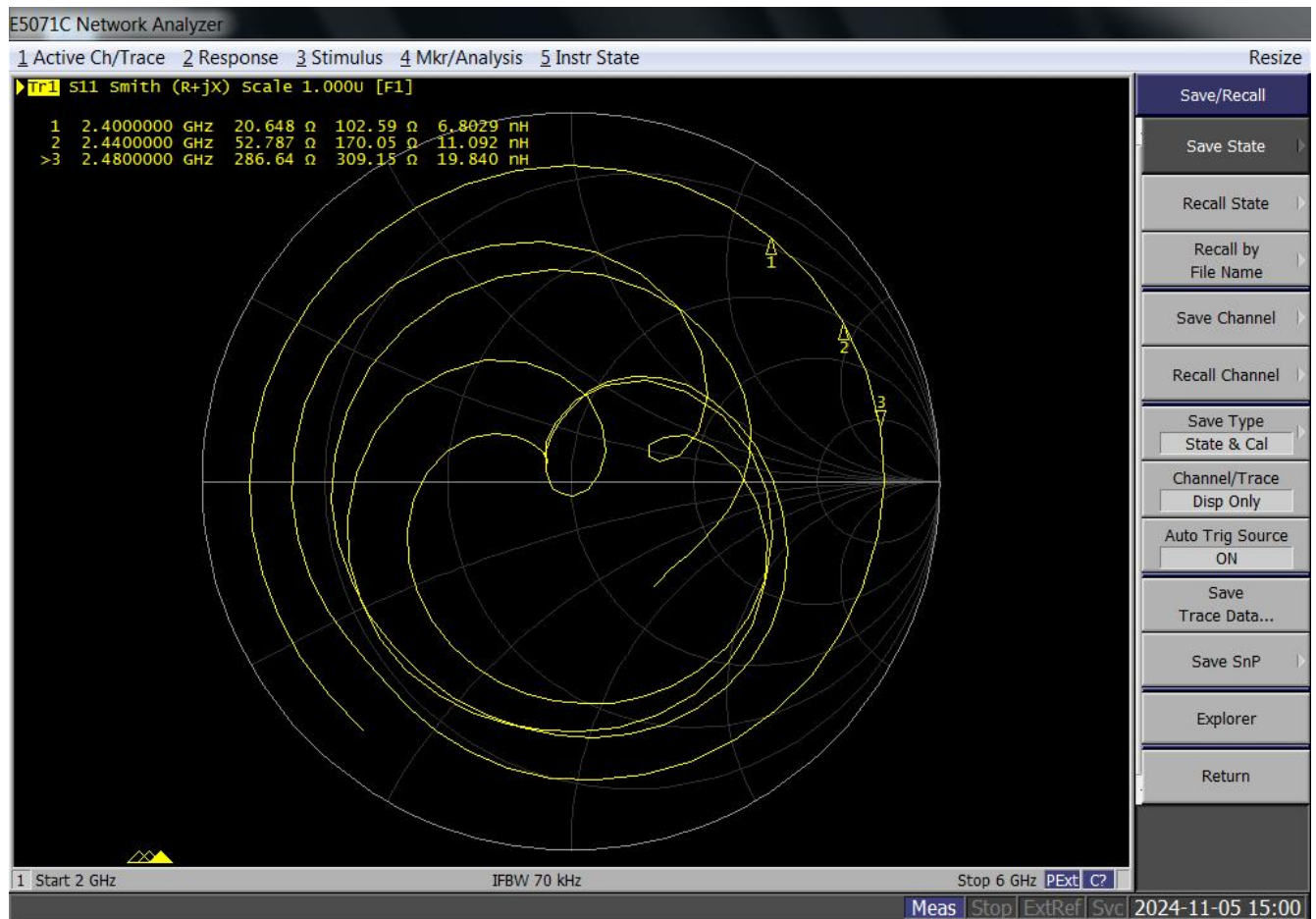
2.方向图 (direction map)



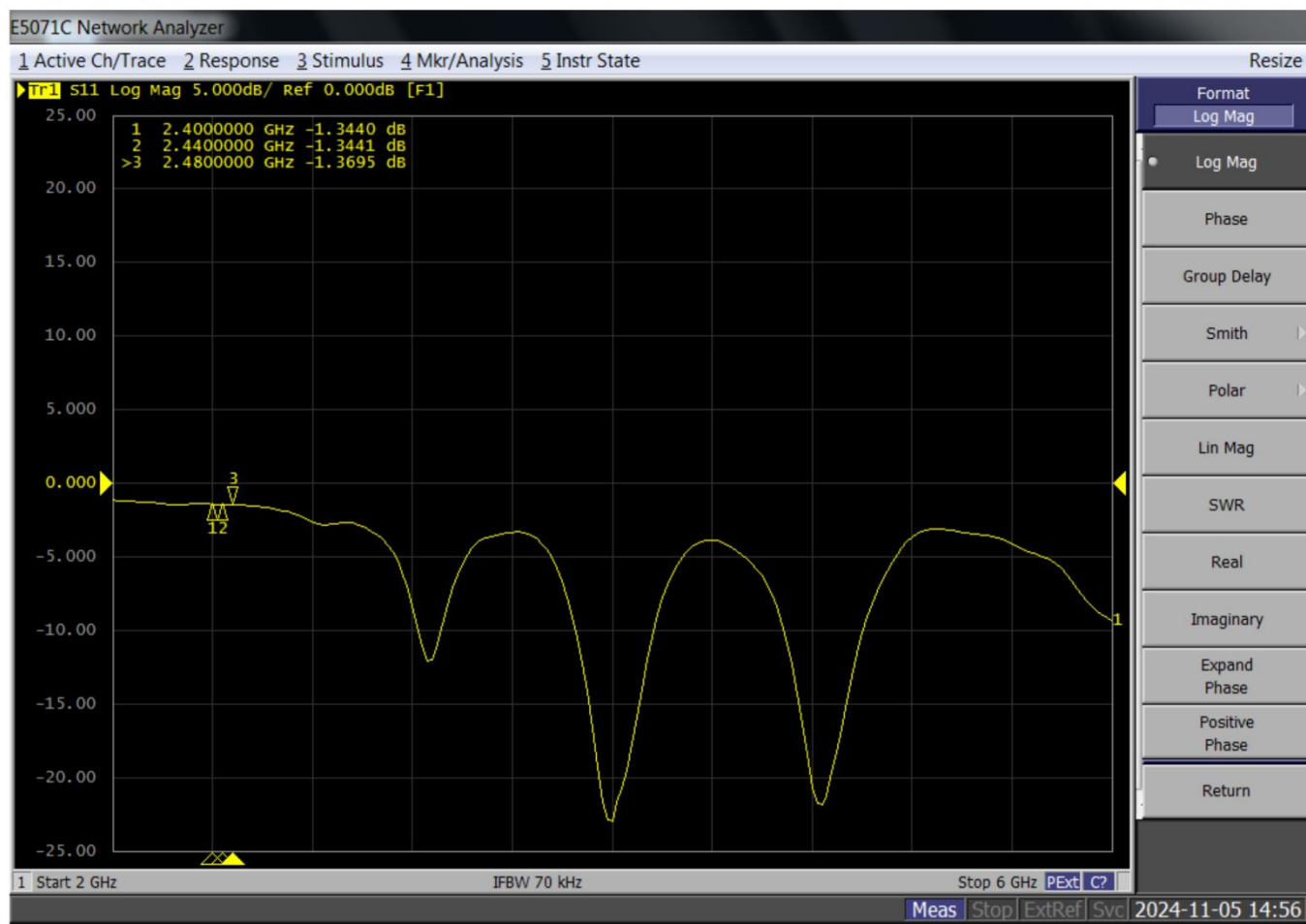
3.VSWR



4.Impedance

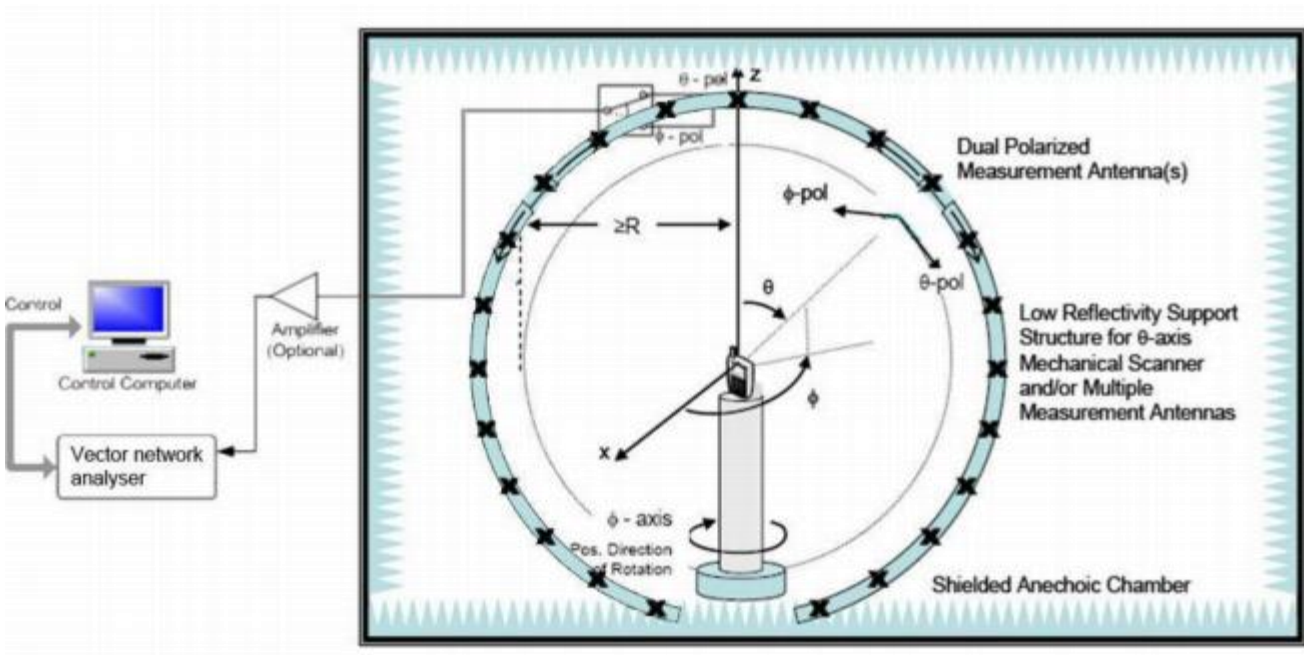


5.Return Loss



频率 Frequency(MHZ)	回波损耗 Return loss(dB)	电压驻波比 Voltage standing wave ratio)	阻抗 (Impedance)Ω
2400	-1.3440	13.057	20.648
2440	-1.3441	13.000	52.787
2480	-1.3695	12.689	286.64

测试连接系统(Test connection system)



测试机构 (testing agency) :